

Attorney Docket No. P70055US0  
Application No. 10/506,423

**Amendments to the claims:**

This listing of claims replaces all prior versions, and listings, of claims in the application.

**Listing of claims:**

Claims 1-10 (cancelled).

11 (new): A method of influencing the activity of an inflammatory mediator comprising administering an effective amount of a ubiquinone to a patient in need thereof.

12 (new): The method of claim 11 wherein the mediator is a histamine.

13 (new): The method of claim 11 wherein the mediator is selected from the group consisting of platelet activating factor (PAF) and a leukotriene.

14 (new): The method of claim 11 for treating the patient to influence a physiological effect selected from the group consisting of bronchoconstriction of the lung, pulmonary vascular resistance, elasticity of the lung, bowel contraction, epithelial constriction, vascular contraction,

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catecholamine release from the adrenal medulla, histamine-caused itching and pain at nerve ends, excessive secretion of gastric juice, tachycardia, and positive-ionotropic effect on the heart.

15 (new): The method of claim 11 wherein the ubiquenone is in the form of nanoparticles having a size of from 10 to 1000 nm.

16 (new): The method of claim 11 wherein the ubiquenone is a ubidacarenone.

17 (new): The method of claim 11 wherein the ubiquenone is 2,3-dimethoxy-5-methyl-6-decaprenyl-1,4-benzoquinone.

18 (new): The method of claim 11 wherein the ubiquenone is in a form for administration selected from the group consisting of oral, inhalatory, intravenous, intraarterial, subcutaneous, intracutaneous, intramuscular, and topical.

19 (new): The method of claim 11 wherein the activity of the inflammatory mediator is reduced.

20 (new): The method of claim 19 wherein the mediator is a histamine.

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- 21 (new): The method of claim 19 for treating the patient for a pathological condition selected from the group consisting of bronchitis, pneumonia, allergic asthma, multiple chemical sensitivity, hay fever, hypersensitivity reaction of immediate type (type 1), endotoxin shock, pharmaceutical-induced histamine release, skin disease, renal insufficiency, and a burn.
- 22 (new): The method of claim 19 for treating the patient for a pharmaceutical-induced histamine release.
- 23 (new): The method of claim 19 for treating the patient for a pharmaceutical-induced histamine release wherein the pharmaceutical is selected from the group consisting of D-tubocurarin, suxamethonium, an opiate, an X-ray contrast agent, a narcotic, chloroquine, and a combination thereof.
- 24 (new): The method of claim 19 wherein the ubiquenone is a ubidacarenone.
- 25 (new): The method of claim 19 wherein the ubiquenone is 2,3-dimethoxy-5-methyl-6-decaprenyl-1,4-benzoquinone.

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26 (new): The method of claim 19 wherein the ubiquenone is in a form for administration selected from the group consisting of oral, inhalatory, intravenous, intraarterial, subcutaneous, intracutaneous, intramuscular, and topical.